



EXAMINATION BLUEPRINT

IASHEP - CSHCO™

Certified Safety Health Compliance Officer

Domain 1

Hazard Identification and Control (includes Health & Environmental Hazards) - 60.0 %

Knowledge of:

1. 29 CFR 1910 Subpart A General – Purpose & Scope of OSHA regulations -All Sections
2. 29 CFR 1910 Subpart B – Adoption and Extension of Established Federal Standards – All Sections
3. 29 CFR 1910 Subpart C – Reserved – All Sections
4. 29 CFR 1910 Subpart D – Walking Working Surfaces – All Sections
5. 29 CFR 1910 Subpart E – Exit Routes, Emergency Action Plan, Fire Prevention Plans and Emergency Planning – All Sections
6. 29 CFR 1910 Subpart F – Powered Platforms, Manlifts, and Vehicle Mounted – All Sections
7. 29 CFR 1910 Subpart G – Occupational Health and Environmental Controls – All Sections
8. 29 CFR 1910 Subpart H – Hazardous Materials, Hazardous Waste operations, Emergency Response – All Sections
9. 29 CFR 1910 Subpart I – Personal Protective Equipment Eye, Face, Head, Respiratory, Foot, Body, Arc Flash, Noise Etc. - All Sections
10. 29 CFR 1910 Subpart J – General Environmental Controls – Confined Spaces, Sanitation, Marking Physical Hazards / (ANSI Z535.1- Z535.6) Temporary Labor Camps – All Sections
11. 29 CFR 1910 Subpart K – Medical and First Aid – All Sections
12. 29 CFR 1910 Subpart L – Fire Prevention – Fire Brigades, Fire Extinguisher, Fire Sprinklers, Fixed Extinguishing Systems, - All Sections
13. 29 CFR 1910 Subpart M – Compressed Gas and Compressed air – All Sections
14. 29 CFR 1910 Subpart N – Material Handling and Storage – Powered Industrial Trucks, Overhead and Gantry Cranes, Crawler and Locomotive Cranes, Helicopters, Slings, - All Sections
15. 29 CFR 1910 Subpart O – Machine and Machine Guarding – All Machinery Drilling and Milling Machines, word Working Machinery, Abrasive Wheel Machinery, Hydraulic Presses (All Types), Pipe Bending Machines, Packaging Machinery, Mixers, Extruders Etc. (ANSI For All Machinery – All Sections
16. 29 CFR 1910 Subpart P – Hand & Portable Powered Tools and Equipment – All Sections
17. 29 CFR 1910 Subpart Q – Welding Cutting and Brazing Oxygen - Fuel Gas, Arc Welding, Resistant Welding, – All Sections
18. 29 CFR 1910 Subpart R –Special Industries Pulp, Paper and Paperboard Mills, Textile, Bakery Equipment, Laundry Machinery Operations, Sawmills, Telecommunication – All Sections
19. 29 CFR 1910 Subpart S – Electrical Utilization Systems, -Wiring Design and Protection, Wiring Components and Equipment, Hazardous (Classified) Locations - All Sections
20. 29 CFR 1910 Subpart T – Commercial Diving – All sections
21. 29 CFR 1910 Subpart Z – Toxic and Hazardous Substances – All Sections

Skill to:

1. Understand and Conduct Risk Assessments and Develop Safety Protocols
2. Develop Effective Job Safety Analysis (JSA) and Job Task Analysis (JTA)
3. Conduct Accident Investigations and Determine Root Causes and Prepare Root Cause Analysis



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4. Maintain Accurate Records of Site Visits, Government Required Records, and Other Required Company and Regulatory Documents (EPA, Air Quality, FEMA, Fire Responder, Emergency preparedness Etc.
5. Develop and Administer Effective Formal Company Programs, Policies, and Company Training Programs.

Domain 2

Abilities & Competencies - 20.0%

Knowledge of:

1. The CSHCO will understand industrial engineering concepts
2. Be Knowledgeable and Decisive in Consistently Applying Safety, Health and Environmental Standards.
3. Must be Physically, Mentally, and Emotionally Capable of Conducting Independent Inspections.
5. Must be familiar with: life and safety codes, safe work practices, personal protective equipment, slips, trips and fall protection, fire protection, confined space entry, hazardous communication standards, insulation and coatings, electrical safety, equipment, etc.

Skill to:

1. Review Engineering Drawings & Schematics
2. Provide management, subcontractors and employee consultation, communications, and support.
3. Knowledge and skills of computer use and programs using Microsoft Windows and Office, especially Word and Excel.
4. Responding to all incidents, accidents, injuries and emergencies in facility or any project. Investigations in all areas as to cause, corrective actions, and ways of prevention, writing reports for such incidents and distributing.
5. Ability to Maintain Appropriate Levels of Confidentiality and Sensitive Information
6. Knowledge in Crisis Management

Domain 3

Regulatory - 10%

Knowledge of:

1. Federal OSHA Regulations
2. State Adopted OSHA Regulations
3. ANSI, NFPA, NEC and other national consensus standards
4. OSHA Directives and Interpretations
5. Knowledge of Other Regulatory Agencies
6. Knowledge of Training and Development Programs (Train the Trainer)



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Skill to:

1. Communicate to Management and Others Regulatory Information
2. Understand Business Fundamentals
3. Conflict Resolution Between Company Standards and Regulatory Standards
4. Leadership will have excellent verbal communication skills. Duties include speaking with complainants, employers, state, and local agencies (including law enforcement)
5. The CCSCO will be required to evaluate and make recommendations on unusual problems.

Domain 4

Continuing Education / Qualifications – 10%

Qualifications

REQUIRED QUALIFICATIONS:

- A bachelor's degree in occupational safety and health, safety studies, natural science, business or public administration, education, or allied field.

AND

- Four years of professional experience in occupational safety, health, environmental programs.
- *Note: A master's degree in occupational safety and health, safety studies, natural science, business or public administration, education or allied field may be substituted for two years of the above professional work experience requirement.*

OR

- Equivalent education/experience. 5-7 years of construction management, occupational health and safety, engineering, or a related field experience.

OR

- Must possess a High School diploma or GED equivalency and a minimum of ten (10) years' experience in Construction Industry

Skill to:

1. Maintain Continuing Education / Recertification Qualification Points According to IASHEP Recertification Guidelines.



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NOTHING ELSE FOLLOWS